10

## TITLE OF THE INVENTION MELANIN-CONCENTRATING HORMONE RECEPTOR

## ABSTRACT OF THE DISCLOSURE

The present application features two different forms of the human MCH receptor: (1) MCH-R2 and (2) MCH-R3. Such MCH receptors provide a target for achieving a beneficial affect in a patient and facilitate the screening of compounds that modulate MCH receptor activity or expression. Beneficial effects that can be obtained include increasing appetite, decreasing appetite, and reducing stress.